



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Maxim Industries, Inc.
1630 Terre Colony Court
Dallas, TX 75212

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model DCM Curb Mount & DSF Self-Flashing Aluminum Skylights

APPROVAL DOCUMENT: Drawing No. MAX0003, titled "Curb Mounted and Self Flashing Skylights", prepared by Maxim Industries, Inc, sheets 1 through 5 of 5, dated 12/03/2013, signed and sealed by Robert J. Amoroso, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Signature
02/13/2014

NOA No. 13-1217.24
Expiration Date: February 20, 2019
Approval Date: February 20, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **MAX0003**, titled "Curb Mounted and Self Flashing Skylights", prepared by Maxim Industries, Inc, sheets 1 through 5 of 5, dated 12/03/2013, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation of Self Flashing and Curb Mount Plastic Glazed Unit Skylights, prepared by Architectural Testing, Inc, Test Report No. **D1032.01-801-18**, dated 10/02/2013, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Anchor calculations for substrate installation prepared by PTC Product Design Group, LLC, dated 12/03/2013, signed and sealed by Robert J. Amoruso, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of acceptance No. **12-0605.05** issued to Bayer MaterialScience LLC (MA), for their Makrolon Polycarbonate Sheets, approved on 12/06/2012 and expiring on 08/27/2017.
2. Notice of acceptance No. **12-0110.04** issued to Palram Americas, Inc, for their Corrugated and Flat Polycarbonate Panels, approved on 02/23/2012 and expiring on 01/22/2016.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC and no financial interest issued by PTC Product Design Group, LLC, dated 12/11/2013, signed and sealed by Robert J. Amoruso, P.E.


02/13/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-1217.24

Expiration Date: February 20, 2019
Approval Date: February 20, 2014

MAXIM INDUSTRIES, INC.
CURB MOUNT & SELF-FLASHING SKYLIGHTS
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2010 FLORIDA BUILDING CODE (FBC). THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT ATI D1032.01-801-18 AND ASSOCIATED LABORATORY DRAWINGS.
2. ADEQUACY OF THE EXISTING STRUCTURAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
3. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
4. MATERIALS:
 - 4.1. SKYLIGHT FRAME MATERIAL: 6063-T5 EXTRUDED ALUMINUM.
 - 4.2. SKYLIGHT INNER AND OUTER DOME MATERIAL: BAYER MATERIALSCIENCE MAKROLON POLYCARBONATE (NOA 12-0605.05) OR PALRAM AMERICAS POLYCARBONATE (NOA 12-0110.04)
5. DESIGNATION "O" STANDS FOR THE A FIXED PANEL
6. IN ACCORDANCE WITH THE 2010 FBC, SECTION 2411.3.3.3, WOOD BUCKING SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN SECTION 2326.2.
7. IN ACCORDANCE WITH THE 2010 FBC, SECTION 2003.8.4, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMUNUM WINDOW FRAMING WOOD SHALL HAVE BEEN PROTECTED AS DEFINED IN SECTION 2003.8.4.2.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION DETAILED.
2. THE MINIMUM NUMBER OF INSTALLATION ANCHORS ARE BASED ON THE FOLLOWING:
 - 2.1. AS REQUIRED ON SHEET 3 (CURB MOUNT) AND SHEET 5 (SELF-FLASHING) BASED ON CORNER END DISTANCE AND ON CENTER SPACING.
 - 2.2. MINIMUM OF ONE FASTENER PER SIDE AND MINIMUM FOUR FASTENERS PER SKYLIGHT ARE REQUIRED BASED ON SKYLIGHT SIZES SMALLER THAN TESTED AND SHOWN ON SHEETS 2 AND 4.
3. FOR INSTALLATION OF SELF-FLASHING SKYLIGHT ONTO WOOD ROOF DECK, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
4. FOR INSTALLATION OF CURB MOUNT SKYLIGHT ONTO WOOD CURB, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
5. FOR INSTALLATION OF CURB MOUNT SKYLIGHT CURB ONTO WOOD ROOF DECK, USE 12D (0.148" MIN. SHANK DIAMETER) BOX OR COMMON NAILS OR #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 2 1/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 5/16 INCH.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
7. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON WOOD SUBSTRATE MATERIALS WITH MINIMUM SPECIFIC GRAVITY OF 0.55.
8. TOE-NAILING OF CURB MOUNT SKYLIGHT CURB ONTO WOOD ROOF DECK (NOTE 5 ABOVE) SHALL MEET THE FOLLOWING REQUIREMENTS FROM THE 2005 NDS FOR WOOD CONSTRUCTION.
 - 8.1. LENGTH (L) AS REQUIRED TO MEET P, L_s AND L_m REQUIREMENTS.
 - 8.2. MIN. EMBEDMENT (P) IS 2.13" FOR BOX NAILS AND 1.60" FOR COMMON NAILS WITH 0.148" DIAMETER.
 - 8.3. MIN. L_s IS 1.33" FOR BOX NAILS AND 1.0" FOR COMMON NAILS WITH 0.148" SHANK DIAMETER.
 - 8.4. MIN. L_m IS 2.13" FOR BOX NAILS AND 1.6" FOR COMMON NAILS WITH 0.148" SHANK DIAMETER.

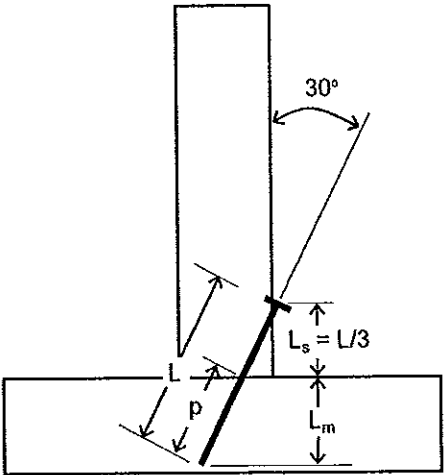


TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	DCM CURB MOUNT - ELEVATION
3	DCM CURB MOUNT - SECTIONS
4	DSF SELF-FLASHING - ELEVATION
5	DSF SELF-FLASHING - SECTIONS

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+40.0-75.0	LARGE and SMALL MISSILE IMPACT

PROJECT #413-1018

MAXIM INDUSTRIES, INC.
1630 TERRE COLONY COURT
DALLAS, TX 75212

TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS
GENERAL AND INSTALLATION NOTES

PREPARED BY: RJA DATE: 12/03/13

SCALE: N.T.S. DRAWING NO: MAX0003

REV: 1 OF 5 SHEET: 1 OF 5

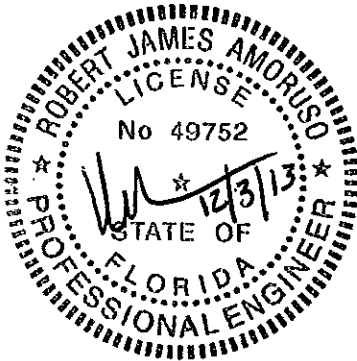
BY: DATE:

DESCRIPTION

REV

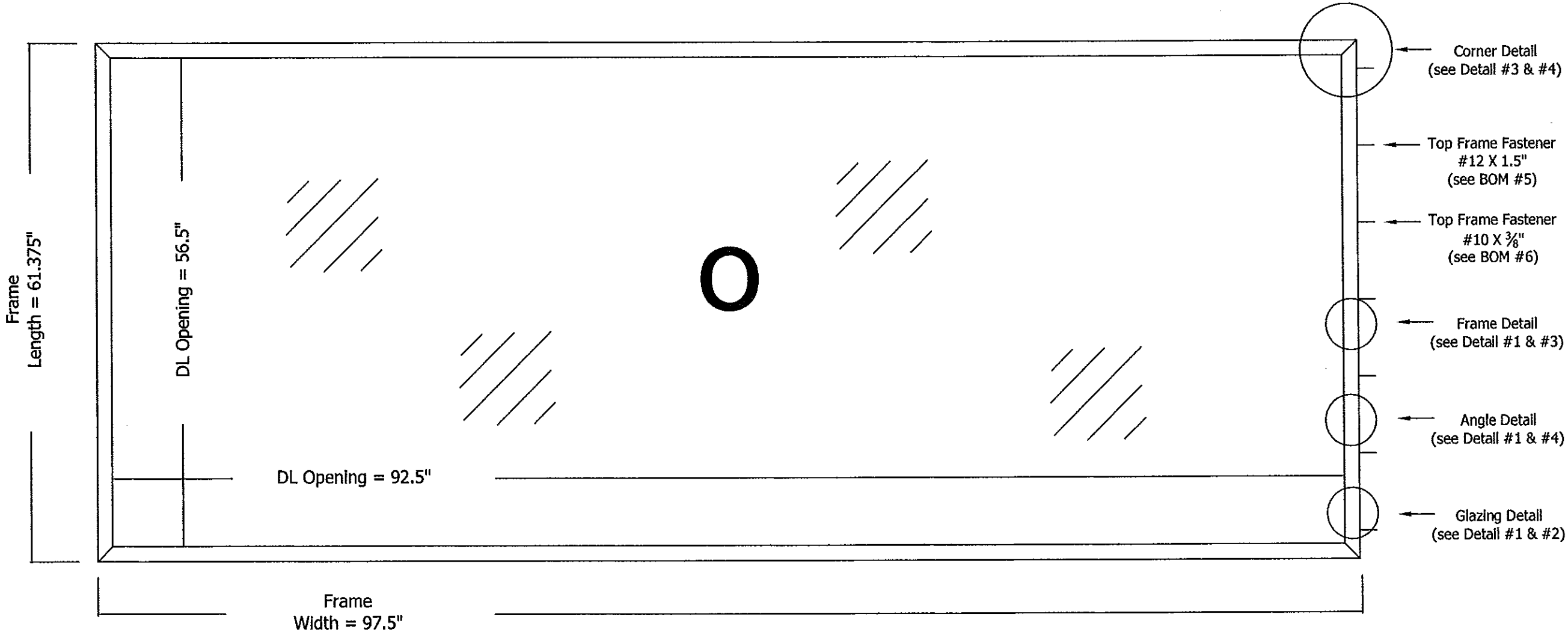
Approved as complying with the
Florida Building Code
Date 02/20/2014
NOA# 13-1217.24
Miami Date Product Control
By [Signature]

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



DCM CURB MOUNT - ELEVATION

DESIGN PRESSURE = +40psf / -75psf



Notes:

1. This skylight is designed to comply with all wind zones, including the HVHZ, of the Florida Building Code.
2. This skylight meets small & large missile impact resistance (TAS-201/TAS-203) and no other protection is required.
3. All framing and roof deck is by others and must comply with the Florida Building Code.
4. All sizes equal to or less than the test size total square footage are to be accepted under this NOA.
5. Fasteners used to attach skylight to wood curb are to be minimum #12 stainless steel wood screws with minimum embedment of 1.375"

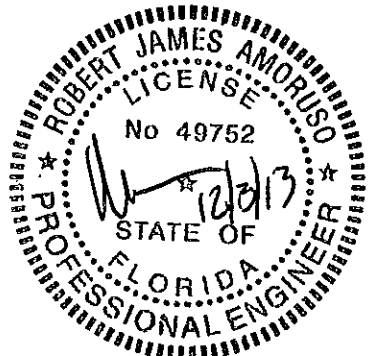
Bill of Materials:

1. 6063-T5 Extruded Aluminum Frame mitered and welded at four corners. Manufacturer: AFCO Part #4950
2. 6063-T5 Extruded Aluminum Angle mitered and welded at four corners. Manufacturer: AFCO Part #4843
3. Dow Corning 795 Silicone Building Sealant located between aluminum angle & glazing (glass bite)
4. 0.125" UV Enhanced polycarbonate domes. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test specimen = 10" outer dome & 7" inner dome.
Manufacturer: Bayer MaterialScience LLC (MA) or PalRam Americas
5. #12 x 1" Stainless Steel Tapping Screw with neoprene gasket. Fasteners located 12" from each corner, maximum 12" on center. Minimum one fastener per side and minimum four fasteners per skylight.
6. #10 X 0.375" Stainless Steel fasteners 4" from each corner, maximum 12" on center.

Approved as complying with the
Florida Building Code
Date 02/20/2014
NOA# 13-1217.24
Miami Dade Product Control

By _____

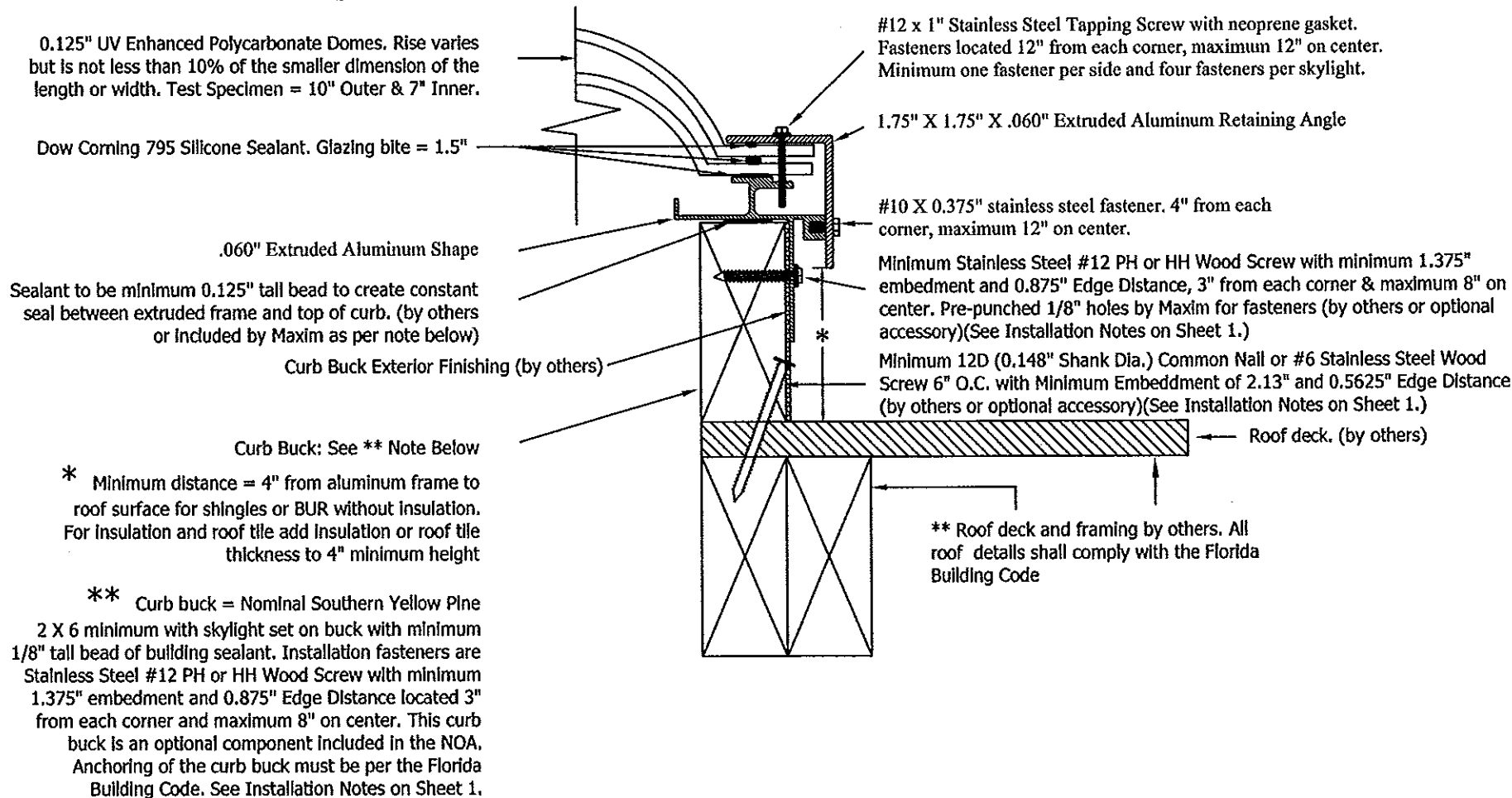
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



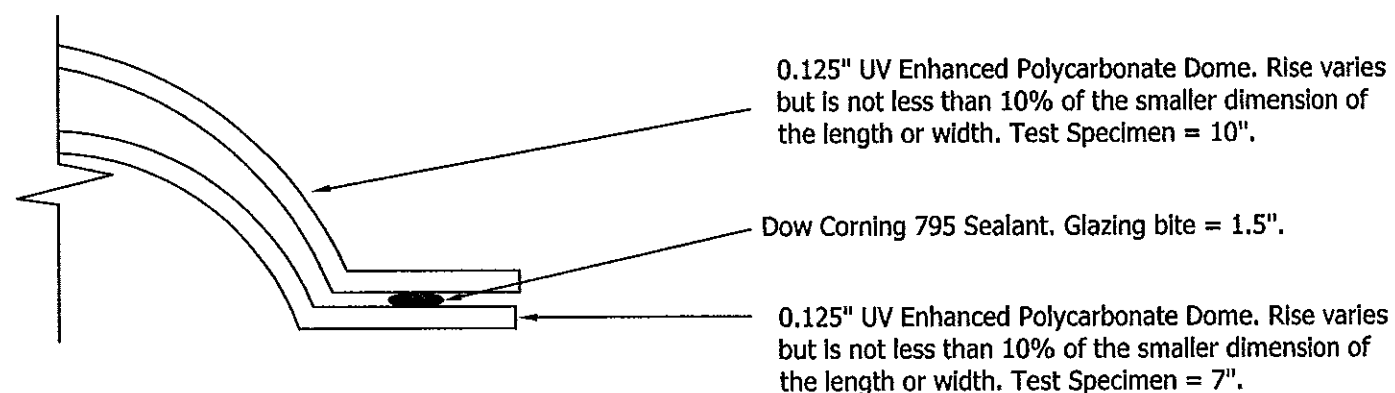
DCM CURB MOUNT - SECTIONS

DESIGN PRESSURE = +40psf / -75psf

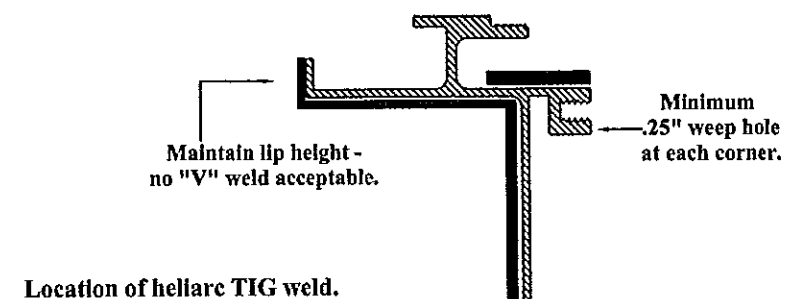
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Frame, Angle & Glazing Section Detail



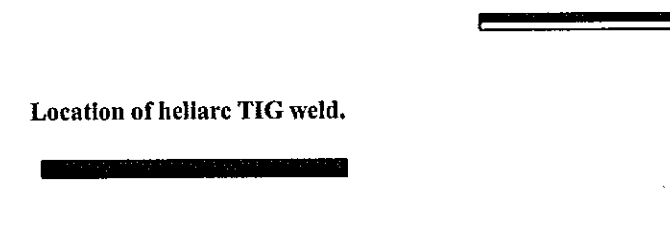
Detail #2
Glazing Detail



Detail #3
Aluminum Shape Weld Detail
AFCO Part #AF-4950



Detail #4
Aluminum Angle Corner Weld Detail
AFCO Part #AF-4843



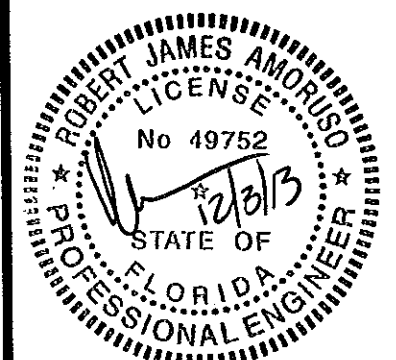
PROJECT #413-1018

MAXIM INDUSTRIES, INC.
1630 TERRE COLONY COURT
DALLAS, TX 75212
TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS
DCM CURB MOUNT - SECTIONS

DATE: 12/03/13
DRAWING NO: MAX0003
SCALE: N.T.S.
SHEET: 3 OF 5
REV: —
PREPARED BY: RJA
DATE: 12/03/13
DRAWING NO: MAX0003
SCALE: N.T.S.
SHEET: 3 OF 5
REV: —
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 15077
LONG BEACH, CA 90801
PHONE: 321.680.1788
FAX: 321.680.1789
EMAIL: info@ptc-corp.com

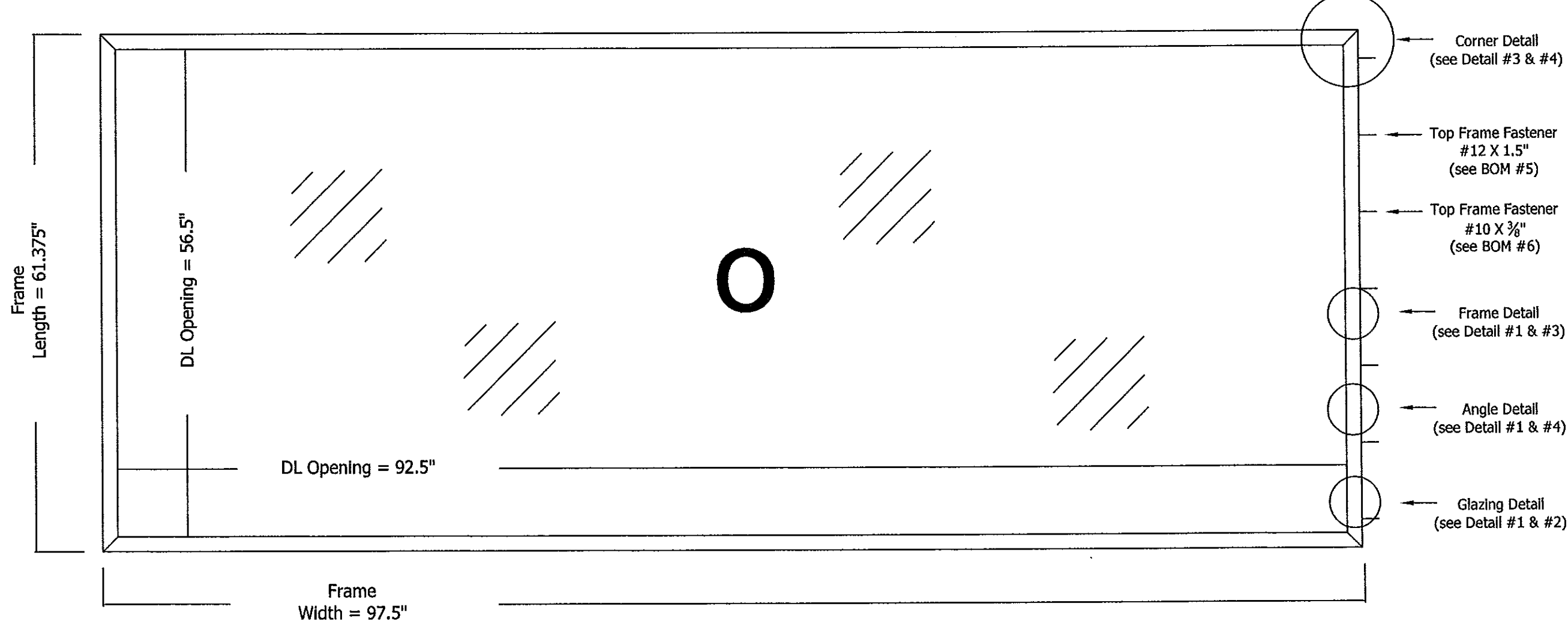
Approved as complying with the
Florida Building Code
Date 02/20/2014
NOA# 13-1217-24
Miami Dade Product Control
By *[Signature]*

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



DSF SELF-FLASHING - ELEVATION

DESIGN PRESSURE = +40psf / -75psf



Notes:

1. This skylight is designed to comply with all wind zones, including the HVHZ, of the Florida Building Code.
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Bill of Materials:

1. 6063-T5 Extruded Aluminum Frame mitered and welded at four corners. Manufacturer: AFco Part #4951
2. 6063-T5 Extruded Aluminum Angle mitered and welded at four corners. Manufacturer: AFco Part #4843
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PROJECT #413-1018

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1630 TERRE COLONY COURT
DALLAS, TX 75212

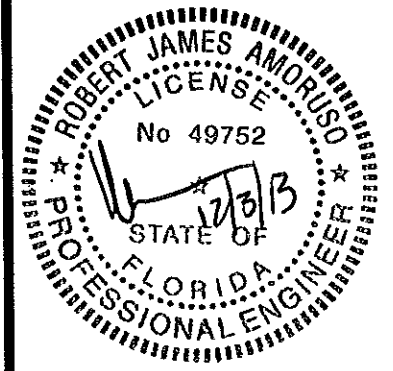
TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS
DSF SELF-FLASHING - ELEVATION

DATE:	12/03/13
DRAWN BY:	RJA
SCALE:	N.T.S.
DRAWING NO:	MAX0003
REV:	—
SHEET:	4 OF 5

PREPARED BY:
PTC PRODUCT DESIGN GROUP, LLC
321.880.1788
321.880.1789
LONGWOOD, FLORIDA 32752
FPE C.A. NO. 28296

Approved as complying with the
Florida Building Code
Date 02/20/2014
NOA # 13-1217-24
Miami Dade Product Control
By

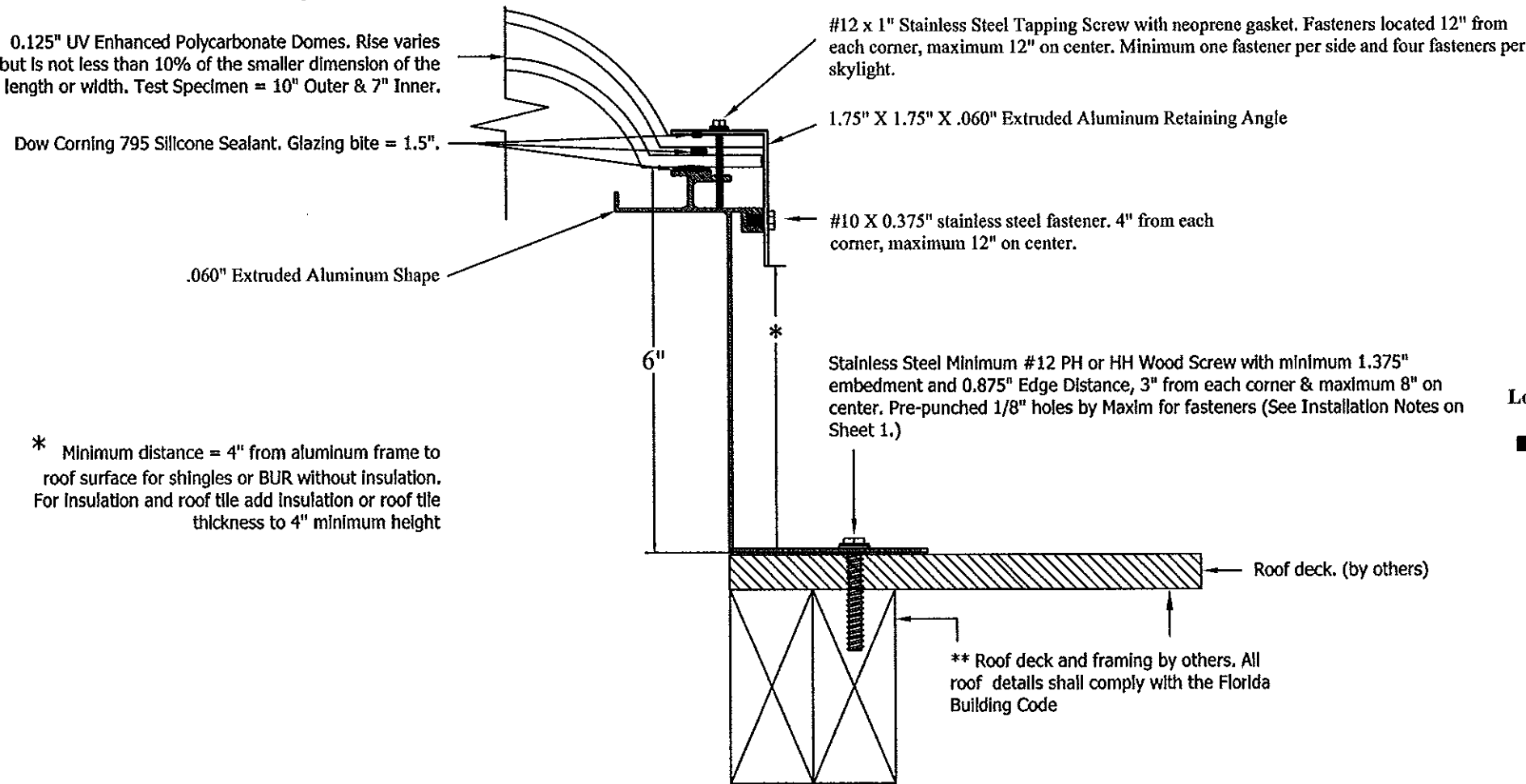
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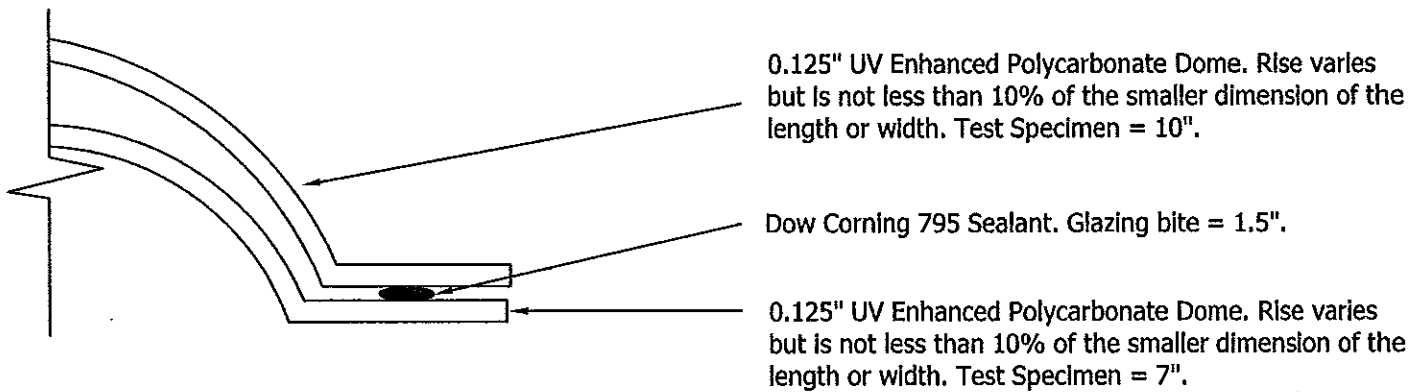
DSF SELF-FLASHING - SECTIONS

DESIGN PRESSURE = +40psf / -75psf

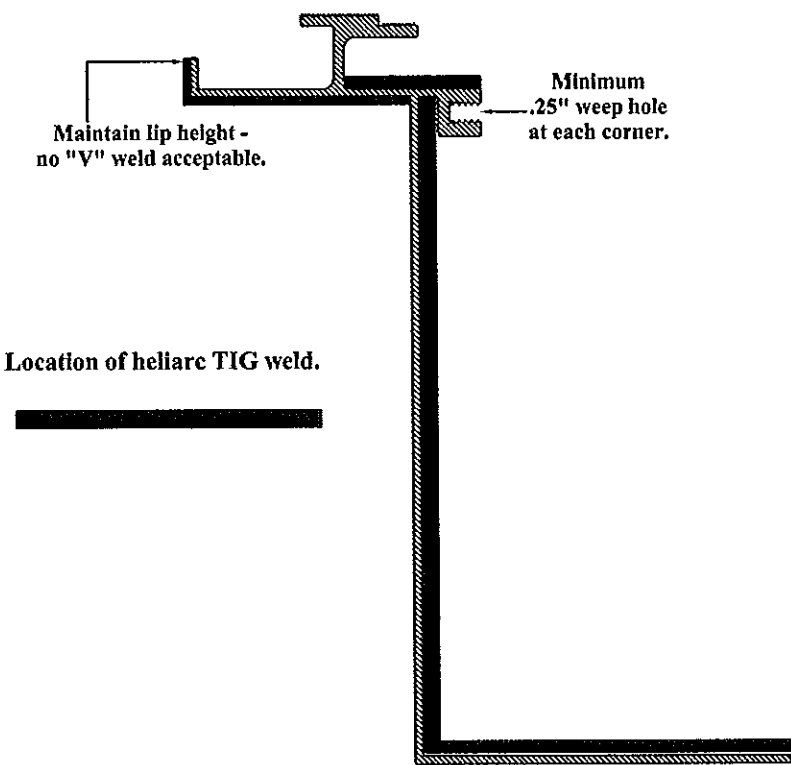
Detail #1:
Frame, Angle & Glazing Section Detail



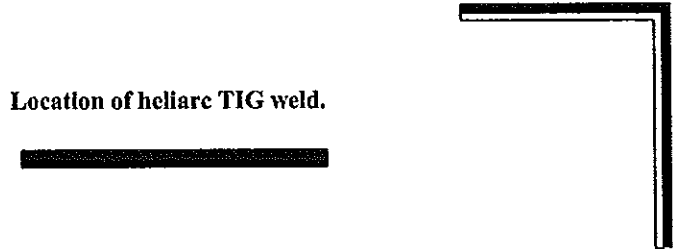
Detail #2
Glazing Detail



Detail #3
Aluminum Shape Weld Detail
AFCO Part #4951



Detail #4
Aluminum Angle Corner Weld Detail
AFCO Part #4843



PROJECT #413-1018

MAXIM INDUSTRIES, INC
1630 TERRE COLONY COURT
DALLAS, TX 75212

TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS
DSF SELF-FLASHING - SECTIONS

PREPARED BY: RJA
DATE: 12/03/13
DRAWING NO: MAX0003
SCALE: N.T.S.
SHEET: 5 OF 5

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 620776
LONGWOOD, FLORIDA 32752
Phone: 321.680.1788
Fax: 321.680.1788
Email: info@ptc-corp.com

Approved as complying with the
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Date 02/20/2014
NOAH 13-1217-24
Miami Dodge Product Control
By *[Signature]*

Robert J. Amoroso, P.E.
Florida P.E. No. 49752

